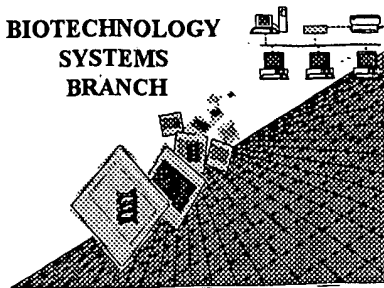


#4

5640
PB

RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/018,227
Source: P4/10
Date Processed by STIC: 1/9/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom, including:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)

2. U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202

3. Hand Carry directly to:

U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202

Or

U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

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PCT10

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/018,227

DATE: 01/09/2002
TIME: 11:54:56

Input Set : A:\sequence.txt
Output Set: N:\CRF3\01082002\J018227.raw

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: Brenda F. Baker
4 Lex M. Cowser
5 ISIS PHARMACEUTICALS, INC.
7 <120> TITLE OF INVENTION: ANTISENSE MODULATION OF ETS-2 EXPRESSION
9 <130> FILE REFERENCE: RTSP-0057
11 <140> CURRENT APPLICATION NUMBER: US/10/018,227
11 <141> CURRENT FILING DATE: 2001-12-12
11 <150> PRIOR APPLICATION NUMBER: 09/344,579
12 <151> PRIOR FILING DATE: 1999-06-25
14 <160> NUMBER OF SEQ ID NOS: 47

ERRORED SEQUENCES

684 <210> SEQ ID NO: 47
685 <211> LENGTH: 18
686 <212> TYPE: DNA
687 <213> ORGANISM: Artificial Sequence
W--> 690 <220> FEATURE:
690 <223> OTHER INFORMATION: Antisense Oligonucleotide
692 <400> SEQUENCE: 47
693 catggttggtt tcttccc
E--> 695

delete at end of file

*insert this mandatory
18 numeric identifier whenever
<221>, <222>, or
<223> is shown
(global error)*

The types of errors shown exist throughout the Sequence Listing. Please check all sequences for similar errors.

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/018,227

DATE: 01/09/2002

TIME: 11:54:57

Input Set : A:\sequence.txt

Output Set: N:\CRF3\01082002\J018227.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:158 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:184 M:258 W: Mandatory Feature missing, <220> FEATURE:
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/018,227

DATE: 01/09/2002

TIME: 11:54:57

Input Set : A:\sequence.txt

Output Set: N:\CRF3\01082002\J018227.raw

L:690 M:258 W: Mandatory Feature missing, <220> FEATURE:

L:695 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:18 SEQ:47